

IDS 06/20/2006

PTO/SB/08a (08-03 )

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

( Not for submission under 37 CFR 1.99)

Application Number		10534250
Filing Date		2005-05-10
First Named Inventor	Hirofumi AKAGI	
Art Unit		
Examiner Name		
Attorney Docket Number		4639-003

**U.S. PATENTS**[Remove](#)

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button.

[Add](#)**U.S. PATENT APPLICATION PUBLICATIONS**[Remove](#)

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

[Add](#)**FOREIGN PATENT DOCUMENTS**[Remove](#)

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> j	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
AB	1	2004045055	WO		2004-05-27			<input type="checkbox"/>
AB	2	11220898	JP		1999-08-10	DAIKIN IND LTD		<input type="checkbox"/>
AB	3	2001245477	JP		2001-09-07	MITSUBISHI ELECTRIC CORP		<input type="checkbox"/>

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10534250	
	Filing Date		2005-05-10	
	First Named Inventor	Hirofumi AKAGI		
	Art Unit			
	Examiner Name			
	Attorney Docket Number		4639-003	

AB	4	2001069762	JP		2001-03-16	mitsubishi electric corp		<input type="checkbox"/>
AB	5	2001238433	JP		2001-08-31	MEIDENSHA CORP		<input type="checkbox"/>
AB	6	2001352792	JP		2001-12-21	NIDEC SHIBAURA CORP		<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

#### NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
AB	1	HIROSHI HASEGAWA ET AL., "A VOLTAGE-SOURCE PWM INVERTER SYSTEM CHARACTERISED BY SINUSOIDAL OUTPUT VOLTAGE WITH NEITHER COMMON-MODE NOR NORMAL MODE VOLTAGE -DESIGN AND PERFORMANCE OF A PASSIVE EMI FILTER-" TOKYO INSTITUTE OF TECHNOLOGY	<input type="checkbox"/>
AB	2	TAKAFUMI DOUMOTO ET AL., "OUTPUT CHARACTERISTICS OF A NPC(3-LEVEL) PWM INVERTER EQUIPPED WITH A PASSIVE EMI FILTER " TOKYO INSTITUTE OF TECHNOLOGY	<input type="checkbox"/>
AB	3	HIROSHI HASEGAWA ET AL., "EFFECTS OF A PASSIVE EMI FILTER ON SURGE VOLTAGE AT MOTOR TERMINALS WHEN A MOTOR IS CONNECTED WITH AN INVERTER VIA A 100-METER-LONG CABLE." TOKYO INSTITUTE OF TECHNOLOGY	<input type="checkbox"/>
AB	4	TAKAFUMI DOUMOTO ET AL., "A PASSIVE EMI FILTER MAKING USE OF THE MOTOR NEUTRAL LINE", TOKYO INSTITUTE OF TECHNOLOGY	<input type="checkbox"/>
AB	5	SATOSHI OGASAWARA ET AL., " MEASUREMENT AND REDUCTION OF EMI RADIATED BY A PWM INVERTER-FED AC MOTOR DRIVE SYSTEM" TRANS.IEE OF JAPAN, VOL. 116-D, NO.12, DEC., 1996	<input type="checkbox"/>
AB	6	ISAO TAKAHASHI ET AL., "ACTIVE EMI FILTER FOR SWITCHING NOISE OF HIGH FREQUENCY INVERTERS" NAGAOKA UNIVERSITY OF TECHNOLOGY", 1997 IEEE	<input type="checkbox"/>

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10534250
	Filing Date		2005-05-10
	First Named Inventor	Hirofumi AKAGI	
	Art Unit		
	Examiner Name		
	Attorney Docket Number		4639-003

AB	7	FEI WANG, " MOTOR SHAFT VOLTAGES AND BEARING CURRENTS AND THEIR REDUCTION IN MULTILEVEL MEDIUM-VOLTAGE PWM VOLTAGE-SOURCE-INVERTER DRIVE APPLICATIONS" IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, VOL. 36, NO.5 SEPTEMBER/OCTOBER 2000	<input type="checkbox"/>
AB	8	PETER W. HAMMOND, " A NEW APPROACH TO ENHANCE POWER QUALITY FOR MEDIUM VOLTAGE AC DRIVES" IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, VOL.33, NO. 1, JANUARY/FEBRUARY 1997	<input type="checkbox"/>
AB	9	HIROSHI HASEGAWA ET AL., A THREE-PHASE VOLTAGE-SOURCE PWM INVERTER SYSTEM CHARACTERIZED BY SINUSOIDAL OUTPUT VOLTAGE WITH NEITHER COMMON-MODE VOLTAGE NOR NORMAL-MODE VOLTAGE -DESIGN AND PERFORMANCE OF A PASSIVE EMI FILTER	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

#### EXAMINER SIGNATURE

Examiner Signature	/Adolf Berhane/	Date Considered	11/08/2006
--------------------	-----------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.